

ABSTRACT

A thermal wall system for slowing heat transfer through walls. The system includes horizontal top and bottom tracks, horizontal top and bottom plates, and vertical studs mounted to and extending between the top and bottom plates. The top tracks and plates have flanges that extend downward. The bottom tracks and plates have flanges that extend upward. The width of the plates fits within the width of the tracks. Top and bottom tracks and plates are respectively nested along their webs and one flange to form a longitudinal opening between their respective opposing flanges. Rigid insulation may be disposed in the longitudinal opening. Thermal framing components may also be provided, extending between the top and bottom plates, to support vertical edges of insulation sheets. Thermal end caps may be used to treat the terminal edges of insulation.